Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	625	((73/586) or (73/587)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:28
L2	8427	(((rop$3 cylinder column tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob$3 sens$3 detect$3 analyz$3 test$3 measur$3 determin$3) and (vibrat$3 ultrasonic noise reverberat$3 acoustic sound)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/08 13:40
L3	3763	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733) or (210/85) or (210/512.1) or (210/788) or (73/586) or (73/587)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:40
L4	4729	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733) or (210/85) or (210/512.1) or (210/788) or (73/587) or (73/589) or (73/660) or (73/662)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:43
L5	1591	((73/587) or (73/589) or (73/660) or (73/662)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:43
L6	21	l2 and l4	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/08 13:41
L7	630	((73/587) or (73/589)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:42
L8	3138	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733) or (210/85) or (210/512.1) or (210/788)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:43
L9	0	l5 and l8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 13:43

S1	6	("3114510"|"4246576"|"5248442").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 18:09
S2	7	("3114510" | "3783252" | "4246576" | "4441102" | "4670161" | "5132024"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:14
S3	4315	(hydrocyclone cyclone) and ((rop$3 flow underflow discharge) same (sens$3 detect$3 analyz$3))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:15
S4	541	(hydrocyclone cyclone) and ((rop$3 flow underflow discharge) same ((sens$3 detect$3 analyz$3) and (vibrat$3 ultrasonic)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:28
S5	70	(hydrocyclone cyclone) and ((rop$3 flow underflow discharge) same ((sens$3 detect$3 analyz$3) and (vibrat$3 ultrasonic))).bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:59
S6	18	S5 and ("209"/$.ccls. "210"/$.ccls. "73"/$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:30
S7	10	("3398888" | "3577341" | "3647067" | "4229298" | "4652254" | "5044092" | "5145256" | "5252202").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:23
S8	0	(hydrocyclone cyclone) and (rop$3 same ((sens$3 detect$3 analyz$3) and (vibrat$3 ultrasonic)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:29
S9	8000	(rop$3 same (sens$3 detect$3 analyz$3))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:29
S10	426	(rop$3 same ((sens$3 detect$3 analyz$3) and (vibrat$3 ultrasonic)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:30
S11	51	(rop$3 same ((sens$3 detect$3 analyz$3) and (vibrat$3 ultrasonic))). bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:30
S12	14	S11 and ("209"/$.ccls. "210"/$.ccls. "73"/$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 19:01
S13	96	(hydrocyclone cyclone) same rop$3	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:39
S14	29	S13 and ("209"/$.ccls. "210"/$.ccls. "73"/$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:43
S15	0	("5248442").URPN.	USPAT	OR	ON	2004/11/05 18:45
S16	9	("3114510").URPN.	USPAT	OR	ON	2004/11/05 18:51

S17	10	("3094289" | "3114510" | "3145935" | "3352499" | "3358938").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:52
S18	9	("3114510").URPN.	USPAT	OR	ON	2004/11/05 18:53
S19	7	("3145935").URPN.	USPAT	OR	ON	2004/11/05 18:54
S20	4	("2648433").URPN.	USPAT	OR	ON	2004/11/05 18:56
S21	4	("2648433").URPN.	USPAT	OR	ON	2004/11/05 18:58
S22	2699	(((rop$3 cylinder tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob$3 sens$3 detect$3 analyz$3) and (vibrat$3 ultrasonic)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 19:02
S23	730	S22 and ("209"/$.ccls. "210"/$.ccls. "73"/$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 19:02
S24	557	(((rop$3 cylinder tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob$3 sens$3 detect$3 analyz$3) and (vibrat$3 ultrasonic))).bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 15:38
S25	301	S24 and ("209"/$.ccls. "210"/$.ccls. "73"/$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 19:20
S26	9	(("2800016") or ("2867119") or ("2763790")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/05 19:21
S27	43	(((rop$3 cylinder column tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob$3 sens$3 detect$3 analyz$3) and (vibrat$3 ultrasonic noise acoustic sound))) and (hyrdocyclone cyclone ((ball grind$3) near2 mill))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:26
S28	8	(((rop$3 cylinder column tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob$3 sens$3 detect$3 analyz$3) and (vibrat$3 ultrasonic noise acoustic sound))) and (hyrdocyclone cyclone ((ball grind$3) near2 mill)).bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/08 13:27

| S29 | 203 | ("3096434" \| "3404264" \| "3468164" \| "3590370" \| "3688190" \| "3691842" \| "3701280" \| "3849637" \| "3855858" \| "3952759" \| "3973184" \| "4058975" \| "4099413" \| "4102199" \| "4122719" \| "4249164" \| "4250490" \| "4279013" \| "4337516" \| "4399824" \| "4417312" \| "4517468" \| "4530234" \| "4571689" \| "4635214" \| "4642782" \| "4644479" \| "4649515" \| "4668473" \| "4707796" \| "4720806" \| "4736367" \| "4736763" \| "4777585" \| "4818994" \| "4831564" \| "4841286" \| "4853693" \| "4873655" \| "4907167" \| "4924418" \| "4934196" \| "4939753" \| "4964125" \| "4988990" \| "4992965" \| "5005142" \| "5043862" \| "5053815" \| "5067099" \| "5081598" \| "5089979" \| "5089984" \| "5098197" \| "5099436" \| "5103409" \| "5111531" \| "5121467" \| "5122794" \| "5122976" \| "5130936" \| "5134574" \| "5137370" \| "5142612" \| "5143452" \| "5148378" \| "5167009" \| "5175678" \| "5193143" \| "5197114" \| "5197328" \| "5212765" \| "5214582" \| "5224203" \| "5228780" \| "5235527" \| "5265031" \| "5265222" \| "5269311" \| "5274572" \| "5282131" \| "5282261" \| "5293585" \| "5303181" \| "5305230" \| "5311421" \| "5317520" \| "5327357" \| "5333240" \| "5347843" \| "5349541" \| "5357449" \| "5361628" \| "5365423" \| "5365787" \| "5367612" \| "5384699" \| "5386373" \| "5388465" \| "5394341" \| "5394543" \| "5404064" \| "5408406" \| "5408586" \| "5414645" \| "5419197" \| "5430642" \| "5434774" \| "5436705" \| "5440478" \| "5442639" \| "5467355" \| "5469070" \| "5469156" \| "5469735" \| "5469749" \| "5481199" \| "5483387" \| "5485753" \| "5486996" \| "5488697" \| "5489831" \| "5495769" \| "5510779" \| "5511004").PN. OR ("5526293" \| "5539638" \| "5548528" \| "5555190" \| "5560246" \| "5561599" \| "5570300" \| "5572420" \| "5573032" \| "5591922" \| "5598521" \| "5600148" \| "5608650" \| "5623605" \| "5637802" \| "5640491" \| "5661668" \| "5665899" \| "5671335" \| "5675504" \| "5675724" \| "5680109" \| "5682317" \| "5704011" \| "5705978" \| "5708211" \| "5708585" \| "5710370" \| "5713668" \| "5742845" \| "5746511" \| "5752008" \| "5764891" \| "5781878" \| "5801689" \| "5805442" \| "5817950" \| "5828567" \| "5859964" \| "5880376" \| "5887978" \| "5908990" \| "5923557" \| "5924086" \| "5936514" \| "5940290" \| "5956663" \| "5970430" \| "6014902" \| "6016523" \| "6016706" \| "6017143" \| "6023399" \| "6038579" \| "6047220" \| "6047222" \| "6052655" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/06 15:57 |

S30	1	("2971896").URPN.	USPAT	OR	ON	2004/11/06 16:52
S31	5	("2235928").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 16:52
S32	6	("2235928").URPN.	USPAT	OR	ON	2004/11/06 16:53
S33	4	("3784115").URPN.	USPAT	OR	ON	2004/11/06 16:56
S34	3	("2760184").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 16:56
S35	9	("2760184").URPN.	USPAT	OR	ON	2004/11/06 18:22
S36	2223	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733) or (209/590) or (73/597)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 18:24
S37	1187	((209/590) or (73/597)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 18:24
S38	1037	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:29
S39	1	S37 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 18:24
S40	6	("4222859" | "4576286" | "4602716" | "5152604" | "5351832" | "5458245"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:25
S41	215	((209/726) or (209/727)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 18:26
S42	754	S36 and ((prob$3 sens$3 detect$3 analyz$3) and (vibrat$3 ultrasonic noise acoustic sound))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:27
S43	57	S38 and ((prob$3 sens$3 detect$3 analyz$3) and (vibrat$3 ultrasonic noise acoustic sound))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:27

S44	57	S43 not S27	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:27
S45	0	("5248442").URPN.	USPAT	OR	ON	2004/11/06 18:29
S46	7	("3114510" | "3783252" | "4246576" | "4441102" | "4670161" | "5132024").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:29
S47	21	("2659881" | "2798215" | "2967297" | "3284788" | "3445834" | "3493951" | "3557616" | "3686926" | "3735201" | "3849723" | "3878103" | "4103292" | "4193356" | "4246576").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:30
S48	4	("4441102").URPN.	USPAT	OR	ON	2004/11/06 18:32
S49	9	("3114510").URPN.	USPAT	OR	ON	2004/11/06 18:33